

**1997**  
Census of  
Agriculture



*Lesson Plan*  
**Middle School Focus**

July 1999

# LESSON PLAN

## Overview

The purpose of these activities is to introduce students to the definitions and concepts of the census of agriculture; to test their knowledge of the geographic location of selected States; and to familiarize them with the geography of the Nation's map by showing major areas where different crops and livestock are located.

Students will learn the definitions to concepts and words that are associated with the census of agriculture. They reinforce these concepts by engaging in activities such as a word search using census words. The students will also find States on a map that are major locations for production of selected commodities.

- Suggested grades 6-8
- Suggested time 2 days

## Learning Objectives

Students will:

1. Define many terms that are used in the census of agriculture, and become more familiar with them through word association and a word search.
2. Use some census data to analyze trends and to improve their mathematical skills.
3. Test their knowledge of the geographic location of selected States.
4. Become familiar with the key States producing selected agricultural products.

## Vocabulary

**Census**-data collection activity involving observations or questionnaires, in which information is collected from every unit, (e.g., person, company, or institution in the survey universe; it is theoretically a 100-percent sample.

**Census region**-a group of specified States. Several States are divided into each census region.

**Geography**-the topographical features of the United States.

**Atlas**-a bound collection of maps.

**Irrigation**-the artificial application of water to land to assist in the production of crops.

**Rural**-characteristics of the country.

**Survey**-a data collection activity involving observations or questionnaires for a sample of a population. (Surveys are less expensive to conduct than censuses; hence, they may be taken more frequently and can update information between censuses.)

**Farm/ranch (agricultural operation)**-for statistical purposes in the census, a farm is any place where \$1,000 or more of agricultural products were produced and sold or normally would have been sold during the census year. (Other agencies may use different farm definitions.)

## Materials Needed

Copies of Activity 1, Activity 2, and Activity 3 Handouts.

Copies of "Table 1. Historical Highlights: 1997 and Earlier Census Years," "Table 2. Number of Farms: 1997 and 1992," and "Table 4. Total Cropland: 1997 and 1992."

## Getting Started

1. Introduce this lesson by having a discussion of the vocabulary words. Tell the students they are going to be learning some important words that relate to the census of agriculture. Begin with the word **CENSUS**. Ask them if they know the meaning of the word. Discuss the rest of the vocabulary words. (Refer to **Vocabulary** for definitions.)
2. Have the students complete the Activity 1 Handout to help familiarize them with census words.
3. Ask the students to guess the approximate number of hogs and pigs that were sold in 1997 (Answer: 142.6 million). Award a prize for the student who comes the closest. Discuss how difficult it is to "guess" these facts and the importance of accurate data. Also, discuss how census data relate to agricultural operations in the local community.

**ANSWER:** It is almost impossible to "guess" facts regarding the census of agriculture.

The 1997 Census of Agriculture is compiled from millions of reports by America's farmers and ranchers. All farmers and ranchers are asked to respond; however, some may not realize how valuable their data can be in planning for agricultural production programs or agribusiness development.

Federal, State, and local governments use the census of agriculture data to analyze and develop policy on land use, irrigation needs, rural development, and farmland assessment.

Without data from the census, Congress is not able to support farmers and provide aid, and agri-

businesses cannot determine the most effective locations for retail outlets. Congress and Federal agencies cannot draft legislation and planning programs that affect agriculture without reliable data from the census.

## Activity 1 - Handout

# Word Search

Find the words listed below in the word search puzzle. Circle each word that you are able to find. Words may be found forward and backward (horizontally, vertically, and diagonally).

Census

Fulltime

Rural

Census region

Atlas

Irrigation

Geography

Tenants

Farm

Survey

Parttime

Ranch

Ranking

Operator

Cropland

Acre

Increase

Decrease

## WORD SEARCH PUZZLE

d	e	c	r	e	a	s	e	t	a	y	n	d	s	t	i
r	h	p	e	o	x	l	m	f	l	h	o	n	v	z	n
d	g	c	e	n	s	u	s	a	m	p	i	a	f	l	c
k	d	p	n	w	s	f	r	i	j	a	t	l	a	s	r
x	m	k	w	a	u	u	y	p	v	r	a	p	r	o	e
p	g	s	i	u	r	l	s	a	i	g	g	o	m	p	a
x	m	p	s	d	v	l	k	r	j	o	i	r	h	e	s
s	t	n	a	n	e	t	i	t	e	e	r	c	a	r	e
v	k	l	m	r	y	i	w	t	x	g	r	n	j	a	o
q	f	z	c	b	y	m	l	i	f	c	i	w	h	t	m
d	q	a	p	x	m	e	z	m	r	y	k	o	b	o	t
r	a	n	k	i	n	g	x	e	u	f	c	m	n	r	i

## Activity 2 - Handout

# Using Census Data

This exercise will give you experience in using tables from census of agriculture publications. Refer to the specified table to answer the questions below.

**Use “Table 1. Historical Highlights: 1997 and Earlier Census Years” to answer questions 1-7.**

1. How many acres were irrigated in 1997?
  2. The number of beef cows decreased from 1992 to 1997 by how much?
  3. Was there an increase or decrease in broilers and other meat-type chickens sold between 1992 and 1997? What could be the reason for this change?
  4. The average age of an operator increased by how many years since 1964?
  5. Farms by value of sales less than \$2,500 increased or decreased by how much between census years 1992 and 1997?
  6. Farms by value of sales of \$500,000 or more increased or decreased by how much between census years 1992 and 1997?

7. The number of farms decreased by 175,900 from 1987 to 1997.  
How can farmers still produce enough food for an increasing population?

**Use “Table 2. Number of Farms: 1997 and 1992” to answer questions 8-9.**

8. What are the top five leading States, and how many farms did they have in 1997 and 1992?
9. Of the five leading States, which State had the greatest decrease in number of farms? By how much?

**Use “Table 4. Total Cropland: 1997 and 1992” to answer question 10.**

10. Using Table 4. Total Cropland: 1997 and 1992, which four States changed their ranks between 1992 and 1997?

## **Activity 3 - Handout**

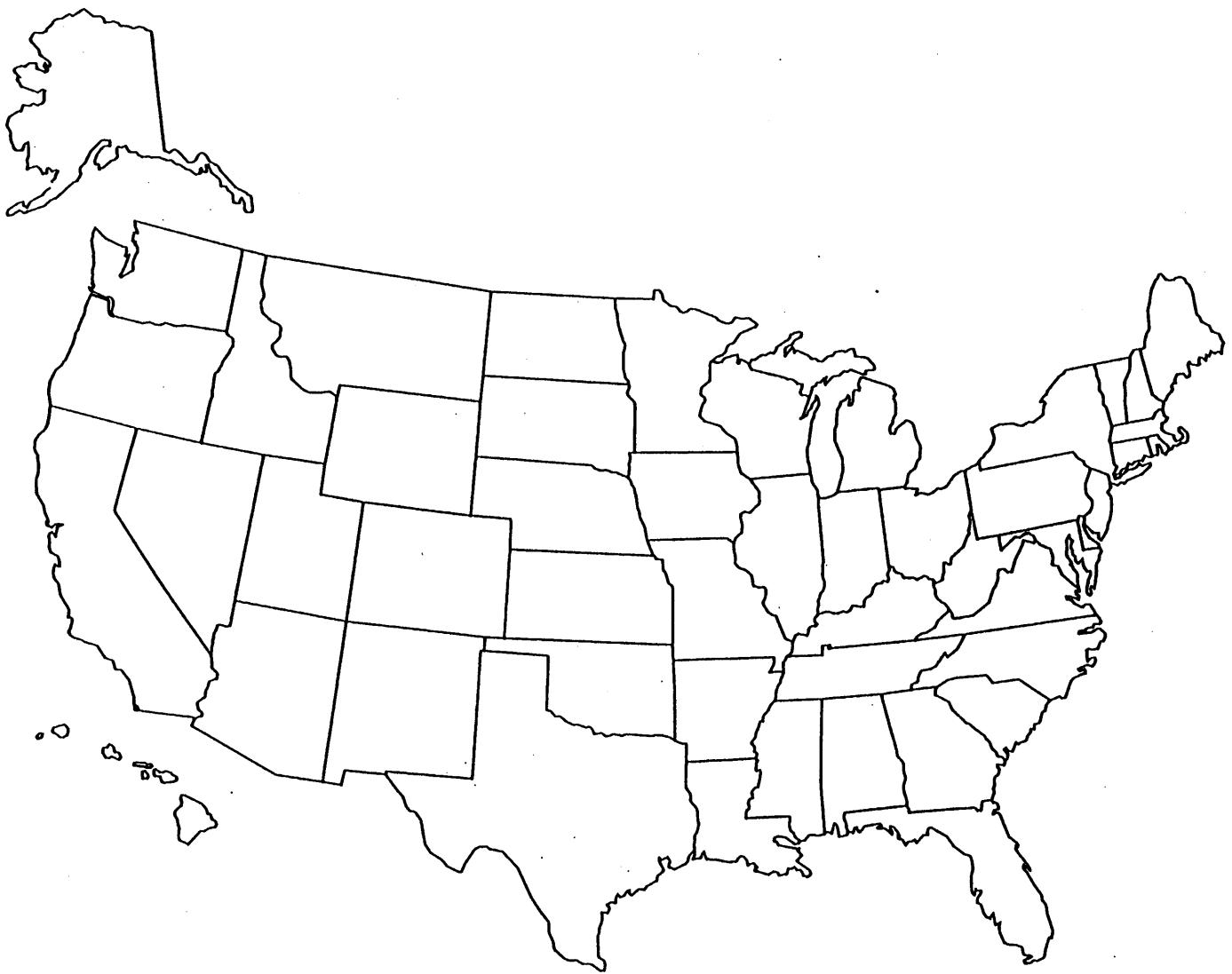
# **Geography - Find the State**

**Do you know the location of the 50 States?**

**The statements below highlight agriculture data for individual States. After reading the statements, find the States on the U.S. map and mark them with the appropriate State abbreviations.**

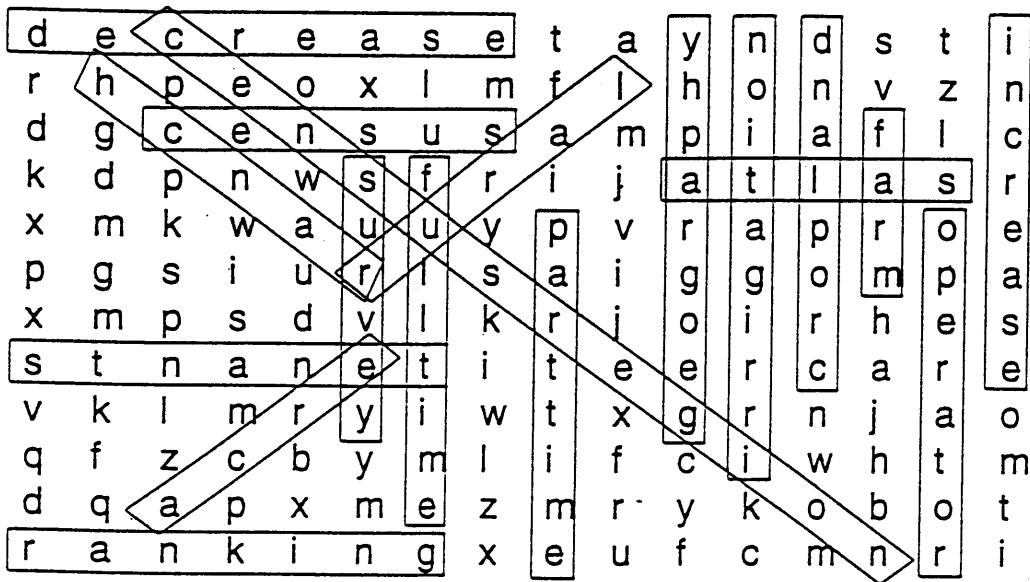
1. California (CA) has the most milk production in the United States.
2. Texas (TX) has the most cattle and calves in the United States.
3. California (CA) spends the most on commercial fertilizer in the United States.
4. North Carolina (NC) sells the most turkeys in the United States.
5. Georgia (GA) farmers harvest the most peanuts in the United States.
6. Arkansas (AR) farmers harvest the most rice in the United States.
7. Idaho (ID) farmers harvest the most potatoes, excluding sweetpotatoes, in the United States.
8. California (CA) had the most land in orchards in the United States.
9. Washington (WA) is the number one apple producing State.
10. Kansas (KS) farmers harvest the most sorghum for grain or seed in the United States.

# MAP



## **Activity 1 - Answer Sheet**

# Word Search



## Activity 2 - Answer Sheet

1. 55,058,128

2. 1,520,639

3. Increase

People are becoming more health conscious and eating more poultry.

4. 3.0 years

5. Increased by 73,747

6. Increased by 21,880

7. Average size of farm has increased from 462 to 487 acres since 1987, so farms are becoming larger. Also, technology continues to improve, enabling farmers to produce more food on the same acreage.

	1997	1992
8. Texas	194,301	180,644
Missouri	98,860	98,082
Iowa	90,792	96,543
Kentucky	82,273	90,281
Tennessee	76,818	75,076

9. Kentucky by 8,008 farms.

10. California, Wisconsin, Washington, and Michigan

**Table 1. Historical Highlights: 1997 and Earlier Census Years**

[For meaning of abbreviations and symbols, see introductory text]

All farms	1997	1992	1987	1982	1978	1974	1969	1964
Farms ..... number..	1 911 859	1 925 300	2 087 759	2 240 976	2 257 775	2 314 013	2 730 250	3 157 857
Land in farms ..... acres..	931 795 255	945 531 506	964 470 625	986 796 579	1 014 777 234	1 017 030 357	1 062 892 501	1 110 187 000
Average size of farm ..... acres..	487	491	462	440	449	440	389	352
Estimated market value of land and buildings <sup>1</sup> :								
Average per farm ..... dollars..	449 748	357 056	289 387	345 869	279 672	147 838	75 714	50 646
Average per acre ..... dollars..	933	727	627	784	619	336	194	144
Estimated market value of all machinery and equipment <sup>1</sup> : \$1,000..	110 256 802	93 316 496	85 801 360	93 662 947	77 600 689	48 402 624	25 343 077	(NA)
Average per farm ..... dollars..	57 678	48 605	41 227	41 919	34 471	22 303	9 770	(NA)
Farms by size:								
1 to 9 acres .....	153 515	166 496	183 257	187 665	151 233	128 254	162 111	182 581
10 to 49 acres .....	410 833	387 711	412 437	449 252	391 554	379 543	473 465	637 434
50 to 179 acres .....	592 972	584 146	644 849	711 652	759 047	827 884	1 001 706	1 175 370
180 to 499 acres .....	402 769	427 648	478 294	526 510	581 631	616 098	726 363	806 743
500 to 999 acres .....	175 690	186 387	200 058	203 925	213 209	207 297	215 659	210 437
1,000 to 1,999 acres .....	101 468	101 923	102 078	97 395	97 800	92 712	91 039	84 999
2,000 acres or more .....	74 612	70 989	66 786	64 577	63 301	62 225	59 907	60 293
Total cropland .....	farms..	1 661 395	1 697 137	1 848 574	2 010 609	2 081 604	2 157 511	2 521 659
	acres..	431 144 896	435 365 878	443 318 233	445 362 028	453 874 133	440 039 087	458 989 605
Harvested cropland .....	farms..	1 410 606	1 491 786	1 643 633	1 809 756	1 904 602	1 954 700	2 219 631
	acres..	309 395 475	295 936 976	282 223 880	326 306 462	317 145 955	303 001 943	273 016 000
Irrigated land .....	farms..	279 442	279 357	291 628	278 277	280 779	236 733	257 147
	acres..	55 058 128	49 404 030	46 386 201	49 002 433	50 349 906	41 243 023	39 121 693
Market value of agricultural products sold <sup>2</sup> : \$1,000..	196 864 649	162 608 334	136 048 516	131 900 223	107 073 458	81 526 126	45 563 891	35 292 431
Average per farm ..... dollars..	102 970	84 459	65 165	58 858	47 424	35 231	16 689	11 176
Crops, including nursery and greenhouse crops \$1,000..	98 055 656	75 228 256	58 931 085	62 256 087	48 203 200	41 790 365	16 922 023	16 236 248
Livestock, poultry, and their products \$1,000..	98 808 993	87 380 078	77 117 431	69 644 136	58 870 258	39 503 850	28 480 921	18 841 027
Farms by value of sales <sup>3</sup> :								
Less than \$2,500 .....	496 514	422 767	490 296	536 327	460 535	649 448	1 031 638	1 338 259
\$2,500 to \$4,999 .....	228 477	231 867	262 918	278 208	300 699	257 263	357 922	443 918
\$5,000 to \$9,999 .....	237 975	251 883	274 972	281 802	314 088	296 373	390 425	504 614
\$10,000 to \$24,999 .....	274 040	301 804	326 166	340 254	394 876			
\$25,000 to \$49,999 .....	170 705	195 354	219 636	248 828	300 515	956 092	896 159	837 507
\$50,000 to \$99,999 .....	158 160	187 760	218 050	251 501	263 092			
\$100,000 to \$499,999 .....	277 194	286 951	263 698	274 580	203 695	141 187	47 916	
\$500,000 or more .....	68 794	46 914	32 023	27 800	17 973	11 412	4 079	31 401
Farms by type of organization:								
Individual or family (sole proprietorship) .....	1 643 424	1 653 491	1 809 324	1 945 639	1 965 860	(NA)	(NA)	(NA)
Partnership .....	169 462	186 806	199 559	223 274	232 538	(NA)	(NA)	(NA)
Corporation .....	84 002	72 567	66 969	59 792	50 231	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc. ....	14 971	12 436	11 907	12 271	9 146	(NA)	(NA)	(NA)
Operators by days worked off farm <sup>4</sup> :								
None .....	755 254	801 881	844 476	861 798	942 803	829 843	(NA)	(NA)
Any .....	1 042 158	992 773	1 115 560	1 187 374	1 203 286	1 011 476	1 482 292	1 462 183
200 days or more .....	709 279	665 570	737 206	774 844	770 045	657 971	870 815	824 173
Operators by principal occupation <sup>4</sup> :								
Farming .....	961 560	1 053 150	1 138 179	1 234 787	1 269 305	1 427 368	(NA)	(NA)
Other .....	950 299	872 150	949 580	1 006 189	988 470	851 902	(NA)	(NA)
Average age of operator <sup>4</sup> ....years..	54.3	53.3	52.0	50.5	50.3	51.7	51.2	51.3
Total farm production expenses <sup>1</sup> : \$1,000..	150 590 993	130 779 261	108 138 053	(NA)	(NA)	61 007 649	37 559 615	(NA)
Selected farm production expenses <sup>1</sup> :								
Livestock and poultry purchased .....	21 614 559	23 043 431	19 344 645	17 174 334	16 039 244	9 953 946	8 077 779	4 177 785
Feed for livestock and poultry .....	32 759 966	24 084 507	19 163 364	18 591 984	15 785 995	13 647 816	7 082 274	5 511 813
Commercial fertilizer <sup>5</sup> .....	\$1,000.	9 597 128	8 204 324	6 684 944	7 689 365	6 330 581	5 137 361	2 209 185
Petroleum products .....	\$1,000.	6 371 515	6 120 452	5 277 227	7 888 052	4 691 425	3 087 606	1 906 579
Hired farm labor .....	\$1,000.	14 841 036	12 961 639	10 866 236	8 441 180	6 814 428	4 652 075	3 375 203
Interest <sup>6</sup> .....	\$1,000.	8 928 107	8 111 337	8 158 268	11 668 942	(NA)	(NA)	(NA)
Agricultural chemicals <sup>5</sup> .....	\$1,000.	7 581 424	6 133 705	4 690 243	4 282 213	2 889 503	1 757 779	908 036
Livestock and poultry:								
Cattle and calves inventory .....	farms..	1 046 863	1 074 349	1 176 346	1 354 992	1 346 106	1 503 244	1 719 403
	number..	98 989 244	96 135 825	95 847 299	104 475 827	103 865 109	113 174 700	106 345 741
Beef cows .....	farms..	804 595	803 241	841 778	957 698	954 360	1 024 935	1 323 912
	number..	34 066 615	32 545 976	31 652 593	34 202 607	34 326 274	41 257 898	34 337 320
Milk cows .....	farms..	116 874	155 339	202 068	277 762	312 095	403 754	568 237
	number..	9 095 439	9 491 818	10 084 697	10 849 890	10 221 692	10 654 516	11 174 036
Cattle and calves sold .....	farms..	1 011 809	1 034 189	1 150 523	1 278 609	1 320 163	1 437 101	1 645 518
	number..	74 089 046	70 562 908	72 603 841	71 216 727	78 020 351	70 019 180	74 616 155
Hogs and pigs inventory .....	farms..	109 754	191 347	243 398	329 833	445 117	470 258	686 097
	number..	61 206 236	57 563 118	52 271 120	55 366 205	57 697 318	45 503 604	55 454 828
Hogs and pigs sold .....	farms..	102 106	188 167	238 819	315 095	423 578	449 841	645 129
	number..	142 611 882	111 326 807	96 569 359	94 783 598	90 757 143	79 897 397	89 313 449
Layers and pullets 13 weeks old and older inventory (see text) <sup>7</sup> .....	farms..	72 616	88 235	144 438	215 812	240 891	316 243	471 284
	number..	366 989 851	351 310 317	373 577 186	362 464 997	354 357 427	335 740 245	371 008 459
Broilers and other meat-type chickens sold .....	farms..	23 937	23 949	27 645	30 100	31 743	34 340	33 753
	number..	6 741 927 110	5 428 589 485	4 361 975 630	3 516 622 889	3 062 154 490	2 518 513 032	2 429 773 426

See footnotes at end of table.

**Table 1. Historical Highlights: 1997 and Earlier Census Years—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All farms	1997	1992	1987	1982	1978	1974	1969	1964
<b>Selected crops harvested:</b>								
Corn for grain or seed .....	farms..	430 711	503 935	627 602	715 171	810 577	883 309	985 629
acres..		69 796 716	69 339 869	58 701 505	69 857 993	70 043 480	61 653 842	52 540 249
bushels..		8 578 634 770	8 697 362 804	6 725 001 837	7 508 721 493	6 805 185 861	4 396 912 922	3 361 141 669
Wheat for grain .....	farms..	243 568	292 464	352 237	446 075	378 574	533 520	583 605
acres..		58 836 344	59 089 470	53 224 174	70 910 293	54 155 168	62 957 215	739 662
bushels..		2 204 026 684	2 206 729 476	1 887 103 964	2 373 246 659	1 607 540 430	1 691 553 354	45 372 868
Soybeans for beans .....	farms..	354 692	381 000	441 899	511 229	537 037	542 029	47 958 362
acres..		66 147 726	56 351 304	55 291 205	64 832 842	61 339 849	48 118 849	529 798
bushels..		2 504 307 294	2 053 163 265	1 838 053 979	1 989 993 158	1 722 154 229	1 145 788 470	560 156
Cotton.....	farms..	31 493	34 812	43 046	38 266	52 628	89 536	29 843 540
acres..		13 235 236	10 961 720	9 826 081	9 781 404	12 693 772	12 223 500	199 785
bales..		17 878 743	15 370 310	13 280 143	11 375 524	10 686 447	10 887 205	324 361
Tobacco .....	farms..	89 706	124 270	136 682	179 141	188 649	197 764	13 916 648
acres..		838 530	831 231	633 310	931 655	963 224	877 113	14 734 217
pounds..		1 747 702 321	1 697 831 562	1 215 221 360	1 871 309 459	1 918 189 782	1 733 365 121	331 365
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) .....	farms..	888 597	905 296	994 551	1 050 992	1 132 997	1 145 540	1 229 877
acres..		60 799 788	56 506 466	57 967 530	56 743 836	60 241 391	56 236 381	53 203 606
tons, dry..		139 365 313	126 981 302	128 816 054	128 474 661	130 713 685	115 028 236	65 294 703
Vegetables harvested for sale (see text) <sup>8</sup> .....	farms..	53 727	61 969	60 819	69 109	73 183	78 566	101 760
acres..		3 773 219	3 782 358	3 467 563	3 330 637	3 534 142	3 124 257	131 653
Land in orchards.....	farms..	106 069	116 207	120 434	123 663	121 852	105 997	3 333 772
acres..		5 158 064	4 770 778	4 560 163	4 750 667	4 463 627	4 190 340	224 568
							4 233 897	4 251 130

<sup>1</sup>Data are based on a sample of farms.

<sup>2</sup>Data for 1974 and prior years include the value of forest products sold.

<sup>3</sup>Data for 1982 and prior years exclude abnormal farms.

<sup>4</sup>Data for 1974 apply only to individual or family operations (sole proprietorship) and partnerships.

<sup>5</sup>Data for 1964 to 1982 do not include cost of custom applications; data for agricultural chemicals include the cost of lime for 1969 to 1978.

<sup>6</sup>Data for 1982 do not include imputation for item nonresponse.

<sup>7</sup>Data for 1969 to 1992 are for chickens 3 months old or older inventory; data for 1964 are for chickens 4 months old or older.

<sup>8</sup>Data for 1974 were from land area used.

**Table 2. Number of Farms: 1997 and 1992**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms		Rank		1997 cumulative percent of U.S. total	Geographic area	Farms		Rank		1997 cumulative percent of U.S. total
	1997	1992	1997	1992			1997	1992	1997	1992	
<b>United States .....</b>	<b>1 911 859</b>	<b>1 925 300</b>	(X)	(X)	<b>100.0</b>	<b>COUNTIES—Con.</b>					
<b>STATES</b>											
<b>20 leading States .....</b>	<b>1 411 469</b>	<b>1 422 920</b>	(X)	(X)	<b>73.8</b>	<b>100 leading counties—Con.</b>					
Texas .....	194 301	180 644	1	1	10.2	Hunt, TX .....	2 049	1 904	36	46	5.6
Missouri .....	98 860	98 082	2	2	15.3	Williamson, TX .....	2 034	1 829	37	57	5.7
Iowa .....	90 792	96 543	3	3	20.1	Linn, OR .....	2 009	1 948	38	42	5.9
Kentucky .....	82 273	90 281	4	4	24.4	McLennan, TX .....	2 006	1 847	39	56	6.0
Tennessee .....	76 818	75 076	5	8	28.4	Barren, KY .....	2 000	2 201	40	28	6.1
Oklahoma .....	74 214	66 937	6	11	32.3	Kern, CA .....	1 997	1 995	41	37	6.2
California .....	74 126	77 669	7	5	36.2	Greene, MO .....	1 997	2 103	41	31	6.3
Minnesota .....	73 367	75 079	8	7	40.0	Washington, TX .....	1 986	1 903	43	47	6.4
Illinois .....	73 051	77 610	9	6	43.8	Bexar, TX .....	1 964	1 872	44	52	6.5
Ohio .....	68 591	70 711	10	9	47.4	Pulaski, KY .....	1 958	2 137	45	30	6.6
Wisconsin .....	65 602	67 959	11	10	50.8	Butte, CA .....	1 942	1 944	46	43	6.7
Kansas .....	61 593	63 278	12	12	54.1	San Luis Obispo, CA .....	1 916	1 880	47	50	6.8
Indiana .....	57 916	62 778	13	13	57.1	Lincoln, OK .....	1 916	1 656	47	81	6.9
Nebraska .....	51 454	52 923	14	14	59.8	Douglas, OR .....	1 908	1 823	49	58	7.0
North Carolina .....	49 406	51 854	15	15	62.4	Canyon, ID .....	1 898	1 873	50	51	7.1
Michigan .....	46 027	46 562	16	16	64.8	Vernon, WI .....	1 893	2 061	51	33	7.2
Pennsylvania .....	45 457	44 870	17	17	67.2	Kaufman, TX .....	1 883	1 674	52	77	7.3
Arkansas .....	45 142	43 937	18	18	69.5	Clark, WI .....	1 883	2 010	52	34	7.4
Alabama .....	41 384	37 905	19	21	71.7	Smith, TX .....	1 844	1 609	54	98	7.5
Virginia .....	41 095	42 222	20	19	73.8	Guadalupe, TX .....	1 841	1 698	55	70	7.6
<b>COUNTIES</b>											
<b>100 leading counties .....</b>	<b>222 207</b>	<b>219 881</b>	(X)	(X)	<b>11.6</b>	Morrison, MN .....	1 808	1 807	61	60	8.1
Fresno, CA .....	6 592	7 021	1	1	.3	Dodge, WI .....	1 807	2 004	62	35	8.2
San Diego, CA .....	5 925	6 565	2	2	.7	Washington, TN .....	1 807	1 856	62	54	8.3
Tulare, CA .....	5 446	5 469	3	3	.9	Wilson, TX .....	1 794	1 698	64	70	8.4
Lancaster, PA .....	4 556	4 490	4	4	1.2	Utah, UT .....	1 790	1 696	65	72	8.5
Stanislaus, CA .....	4 009	4 354	5	5	1.4	Erath, TX .....	1 787	1 637	66	87	8.6
San Joaquin, CA .....	3 862	4 097	6	6	1.6	Brazoria, TX .....	1 783	1 489	67	141	8.7
Clackamas, OR .....	3 745	3 155	7	11	1.8	Denton, TX .....	1 782	1 529	68	126	8.8
Yakima, WA .....	3 365	3 651	8	7	2.0	Bastrop, TX .....	1 765	1 630	69	89	8.9
Hawaii, HI .....	3 319	3 157	9	10	2.1	Hopkins, TX .....	1 758	1 759	70	65	9.0
Greene, TN .....	3 086	3 380	10	9	2.3	Sioux, IA .....	1 752	1 998	71	36	9.1
Riverside, CA .....	3 048	3 511	11	8	2.5	Washington, VA .....	1 744	1 986	72	38	9.2
Stearns, MN .....	2 982	2 972	12	12	2.6	Le Flore, OK .....	1 744	1 467	72	149	9.3
Weld, CO .....	2 959	2 909	13	13	2.8	Todd, MN .....	1 741	1 768	74	63	9.3
Merced, CA .....	2 831	2 879	14	14	2.9	Bell, TX .....	1 741	1 622	74	92	9.4
Sonoma, CA .....	2 745	2 737	15	17	3.1	Lawrence, MO .....	1 733	1 668	76	80	9.5
Marathon, WI .....	2 703	2 804	16	15	3.2	Harris, TX .....	1 727	1 565	77	112	9.6
Fayette, TX .....	2 659	2 642	17	18	3.3	Darke, OH .....	1 726	1 905	78	45	9.7
Outer Tail, MN .....	2 647	2 509	18	21	3.5	Ellis, TX .....	1 713	1 521	79	129	9.8
Hillsborough, FL .....	2 639	2 760	19	16	3.6	Sumner, TN .....	1 703	1 669	80	78	9.9
Dane, WI .....	2 595	2 639	20	19	3.8	Grant, WA .....	1 699	1 696	81	72	10.0
Lavaca, TX .....	2 558	2 465	21	23	3.9	York, PA .....	1 698	1 692	82	74	10.1
Marion, OR .....	2 546	2 494	22	22	4.0	Webster, MO .....	1 691	1 541	83	121	10.2
Washington, AR .....	2 476	2 539	23	20	4.1	Lee, TX .....	1 685	1 545	84	120	10.2
Polk, FL .....	2 464	2 294	24	25	4.3	Washington, OR .....	1 681	1 627	85	90	10.3
Van Zandt, TX .....	2 423	2 230	25	27	4.4	Milam, TX .....	1 676	1 637	86	87	10.4
Benton, AR .....	2 323	2 244	26	26	4.5	Spokane, WA .....	1 643	1 708	92	68	10.9
Parker, TX .....	2 301	1 965	27	40	4.6	Maricopa, AZ .....	1 643	1 856	92	54	10.5
Grant, WI .....	2 238	2 340	28	24	4.8	Clayton, IA .....	1 638	1 617	94	94	11.0
Ventura, CA .....	2 214	2 195	29	29	4.9	Howell, MO .....	1 637	1 706	95	69	11.1
Cullman, AL .....	2 151	2 086	30	32	5.0	Hardin, KY .....	1 637	1 810	95	59	11.2
Lane, OR .....	2 104	1 969	31	39	5.1	Leon, TX .....	1 633	1 570	97	111	11.3
Grayson, TX .....	2 080	1 784	32	62	5.2	Henderson, TX .....	1 630	1 579	98	105	11.4
DeKalb, AL .....	2 080	1 894	32	48	5.3	Gonzales, TX .....	1 629	1 623	99	91	11.5
Wise, TX .....	2 075	1 795	34	61	5.4	Johnson, MO .....	1 626	1 526	100	128	11.6
Johnson, TX .....	2 062	1 763	35	64	5.5						

## 6 RANKING OF STATES AND COUNTIES

## 1997 CENSUS OF AGRICULTURE

**Table 4. Total Cropland: 1997 and 1992**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Acres		Rank		1997 cumulative percent of U.S. total	Geographic area	Acres		Rank		1997 cumulative percent of U.S. total
	1997	1992	1997	1992			1997	1992	1997	1992	
<b>United States .....</b>	<b>431 144 896</b>	<b>435 365 878</b>	(X)	(X)	<b>100.0</b>	<b>COUNTIES—Con.</b>					
<b>STATES</b>											
<b>20 leading States .....</b>	<b>350 365 759</b>	<b>353 304 184</b>	(X)	(X)	<b>81.3</b>	<b>100 leading counties—Con.</b>					
Texas .....	37 662 040	36 381 847	1	1	8.7	Mount Trail, ND .....	649 747	690 625	36	32	7.0
Kansas .....	30 020 580	31 119 250	2	2	15.7	Walsh, ND .....	641 869	681 458	37	33	7.1
North Dakota .....	27 024 895	27 469 875	3	3	22.0	Phillips, MT .....	634 323	597 485	38	48	7.3
Iowa .....	26 821 844	27 195 676	4	4	28.2	Iroquois, IL .....	634 137	630 028	39	41	7.4
Illinois .....	23 920 923	24 164 457	5	5	33.7	Yuma, CO .....	633 134	696 322	40	28	7.6
Nebraska .....	22 092 954	22 402 132	6	6	38.9	Baca, CO .....	632 572	650 060	41	38	7.7
Minnesota .....	21 491 743	21 387 063	7	7	43.8	Texas, OK .....	631 680	621 820	42	44	7.9
South Dakota .....	19 355 256	19 582 565	8	8	48.3	Liberty, MT .....	630 618	622 327	43	43	8.0
Missouri .....	19 229 468	19 228 832	9	9	52.8	Finney, KS .....	630 574	593 333	44	50	8.2
Montana .....	17 629 001	17 494 553	10	10	56.9	Holt, NE .....	617 702	651 450	45	37	8.3
Oklahoma .....	14 843 823	14 520 063	11	11	60.3	Wells, ND .....	616 692	639 400	46	39	8.4
Indiana .....	12 848 950	13 366 034	12	12	63.3	Benson, ND .....	610 095	632 548	47	40	8.6
Ohio .....	11 340 967	11 528 727	13	13	65.9	Walla Walla, WA .....	597 738	604 519	48	47	8.7
California .....	10 803 804	10 479 268	14	16	68.4	Ramsey, ND .....	596 778	585 434	49	53	8.9
Colorado .....	10 509 384	10 933 484	15	15	70.9	Otter Tail, MN .....	595 303	582 018	50	55	9.0
Wisconsin .....	10 353 300	10 948 614	16	14	73.3	Gaines, TX .....	591 057	498 303	51	89	9.1
Arkansas .....	10 062 289	10 064 948	17	17	75.6	Livingston, IL .....	589 348	613 330	52	45	9.3
Kentucky .....	8 549 027	8 880 989	18	18	77.6	Pembina, ND .....	587 041	559 306	53	64	9.4
Washington .....	7 913 709	7 999 419	19	20	79.4	Thomas, KS .....	584 164	595 036	54	49	9.5
Michigan .....	7 891 802	8 156 388	20	19	81.3	Teton, MT .....	581 422	610 236	55	46	9.7
<b>COUNTIES</b>											
<b>100 leading counties .....</b>	<b>65 318 908</b>	<b>65 220 597</b>	(X)	(X)	<b>15.2</b>	Pondera, MT .....	563 645	587 103	61	51	10.5
Chouteau, MT .....	1 345 807	1 297 630	1	1	.3	San Joaquin, CA .....	559 435	555 819	62	65	10.6
Fresno, CA .....	1 250 984	1 208 492	2	2	.6	Cheyenne, NE .....	558 737	570 726	63	61	10.7
Hill, MT .....	1 080 322	1 114 259	3	4	.9	Sumner, KS .....	554 870	577 178	64	59	10.9
Whitman, WA .....	1 066 676	1 132 001	4	3	1.1	McCone, MT .....	554 826	533 266	65	75	11.0
Kern, CA .....	1 054 228	963 761	5	7	1.3	Divide, ND .....	554 616	554 623	66	67	11.1
Cass, ND .....	1 012 975	1 019 954	6	5	1.6	La Salle, IL .....	552 479	580 405	67	57	11.2
Stutsman, ND .....	984 714	996 088	7	6	1.8	Champaign, IL .....	548 908	555 113	68	66	11.4
Ward, ND .....	949 278	949 288	8	8	2.0	Kossuth, IA .....	547 880	580 414	69	56	11.5
Polk, MN .....	936 719	943 384	9	9	2.2	Stark, ND .....	535 740	544 181	70	69	11.6
Weld, CO .....	882 260	927 746	10	10	2.5	Douglas, WA .....	532 757	535 492	71	72	11.7
Lincoln, WA .....	876 196	888 059	11	11	2.7	Merced, CA .....	532 327	534 318	72	74	11.9
McLean, ND .....	866 193	874 045	12	12	2.9	Adams, CO .....	530 148	502 890	73	85	12.0
Washington, CO .....	852 506	826 205	13	15	3.1	Daniels, MT .....	529 328	(D) 74	94	12.1	
Kit Carson, CO .....	838 912	832 154	14	14	3.2	Clay, MN .....	529 223	515 859	75	80	12.2
Williams, ND .....	829 313	846 635	15	13	3.4	Palm Beach, FL .....	529 138	578 699	76	58	12.4
Brown, SD .....	817 581	802 016	16	17	3.6	Sherman, KS .....	526 820	501 970	77	86	12.5
Cavalier, ND .....	811 726	801 803	17	18	3.8	Kings, CA .....	526 132	519 526	78	78	12.6
Bottineau, ND .....	810 878	823 847	18	16	4.0	Ford, KS .....	524 164	542 233	79	70	12.7
Adams, WA .....	808 651	781 122	19	19	4.2	Logan, CO .....	523 887	538 943	80	71	12.9
Grant, WA .....	786 332	752 487	20	21	4.4	McKenzie, ND .....	521 533	507 063	81	83	13.0
Roosevelt, MT .....	783 768	735 237	21	24	4.6	Hale, TX .....	512 216	515 089	82	81	13.1
Barnes, ND .....	767 114	761 213	22	20	4.7	Emmons, ND .....	508 903	531 230	83	76	13.2
Richland, ND .....	747 510	743 424	23	23	4.9	Cascade, MT .....	507 562	497 309	84	90	13.3
Valley, MT .....	740 152	750 359	24	22	5.1	Richland, MT .....	506 853	518 001	85	79	13.4
Grand Forks, ND .....	719 073	717 505	25	25	5.2	Dawson, TX .....	503 536	411 585	86	154	13.6
Umatilla, OR .....	706 872	708 209	26	27	5.4	Reno, KS .....	500 307	553 438	87	68	13.7
Tulare, CA .....	703 295	693 417	27	29	5.6	Towner, ND .....	499 187	529 868	88	77	13.8
Marshall, MN .....	690 774	671 123	28	36	5.7	Glacier, MT .....	497 158	534 879	89	73	13.9
Spink, SD .....	685 793	712 322	29	26	5.9	Charles Mix, SD .....	495 998	479 605	90	99	14.0
McHenry, ND .....	683 303	690 882	30	31	6.1						
Toole, MT .....	680 472	(D)	31	35	6.2						
Sheridan, MT .....	677 445	624 832	32	42	6.4						
Fergus, MT .....	675 934	692 452	33	30	6.5						
McLean, IL .....	665 894	679 599	34	34	6.7						
Blaine, MT .....	659 890	586 725	35	52	6.8						

## 8 RANKING OF STATES AND COUNTIES

## 1997 CENSUS OF AGRICULTURE